

AP9641

Amendments to the Abstract**Sensor Unit and Sensor for Such a Unit Sidewall Torsion Sensor****Abstract of the Invention**

[0039] The invention relates to a sidewall torsion sensor unit and a sensor for such a unit for vehicles, in particular motor vehicles. operatively coupled to a sidewall of a vehicle tire to determine the flexation thereof. According to the invention, in In order to provide a concept equally suitable for different sensor types, in which modular sensor units are formed and whose basic system is suitable for all sensors, a first housing for the accommodation of at least one converter element (and no signal processing unit), and a second housing for the accommodation of a signal processing unit (and no converter element), an at least A 4-pole connection is provided between the first and the second housing, and a port of an output port is provided from the second housing for a control device are provided.